

STEPHANIE Y. CRAWFORD
Curriculum vitae

Address: 833 S. Wood St (M/C 871)
College of Pharmacy
University of Illinois at Chicago
Chicago, IL 60612

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EDUCATION/POSTGRADUATE TRAINING

<u>Dates</u>	<u>Degree</u>	<u>Major</u>	<u>Institution</u>
8/83-5/88	Ph.D.	Pharmacy Administration (Social/behavioral/economic pharmaceutical sciences)	University of Texas Austin, TX
8/81-8/83	M.S.	Institutional Pharmacy Programs	University of Maryland Baltimore, MD
7/81-6/83	Certificate	Hospital Pharmacy Residency Program	University of Maryland Medical System, Baltimore
8/76-5/81	B.S.	Pharmacy	University of North Carolina Chapel Hill, NC
<i>Current Enrollment:</i>			
8/00 - present	MPH program	Health Policy & Administration	University of Illinois Chicago, IL

PROFESSIONAL EXPERIENCE

<u>Dates</u>	<u>Rank/Title</u>	<u>Institution</u>
9/98 -	Associate Professor Pharmacy Administration	University of Illinois at Chicago (UIC)
8/92-8/98	Assistant Professor Pharmacy Administration	UIC
7/88-8/92	Director, Scientific Affairs Department	American Society of Health-System Pharmacists (ASHP), Bethesda, MD
	Adjunct Assistant Professor Pharmacy Administration	University of Maryland, College of Pharmacy, Baltimore, MD
7/86-5/88	Health Services Researcher (part-time appointment)	Audie L. Murphy Memorial Veterans' Hospital, San Antonio, TX

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Professional experience, continued

<u>Dates</u>	<u>Rank/Title</u>	<u>Institution</u>
8/85-4/88; 1/85 -7/87	Staff pharmacist (part-time appointments)	St. David's Community Hospital; Holy Cross Hospital (Austin, TX)
8/83-5/85	Teaching Assistant	The University of Texas at Austin, College of Pharmacy

RESEARCH GRANTS

Research interests:

Health services research and pharmacy systems evaluation (safe medication use, utilization of technologies in pharmacy practice, medication errors -- causes and prevention, access and disparities in pharmaceutical care), health informatics and analysis of large databases, impact of regulation on use of pharmaceuticals.

Funded Research:

Crawford SY (PI), Lurvey PL, Miller NS, Mullane MR, Bressler L, Gorman SS. Prescription Monitoring: Physician Attitudes and Patterns. National Institute on Drug Abuse, National Institutes of Health. \$153,066 grant (project 1R03DA10524). (period Sep 1997 - Aug 2000).

Crawford SY (PI), Lewis RK. Automation in pharmacy practice: survey of state regulations. Baxter Health Care. (period Oct 1997 - Jun 1998).

Crawford SY (PI), Gore PR. Factors important in patient decision-making for medical treatments. Managed Care Resources (Research Triangle Park). (period Jul 1997- Dec 1997).

Crawford SY (PI), Kong SX (original PI), Seeger JD, Schumock GT, Lam NP, Stubbings J, Schoen MD, Gandhi SK. A comparative evaluation and cost-effectiveness analysis of HMG-CoA reductase inhibitors in the treatment of hypercholesterolemia. Sandoz Pharmaceuticals. (period Jul 95 - Jun 97).

Crawford SY (PI), Kong SX (original PI), Schumock GT, Seeger JD. Preventability of hospital-acquired adverse drug reactions. UIC Campus Research Board. (period Aug 1995 - Jun 1996).

Crawford SY (PI). Utilization of robotics technology in pharmacy practice. National Science Foundation. (project BES-9402319). (period Jun 1994 - May 1996).

Rice JA (PI), *Crawford SY*, Grussing PG, Clark TG. Intelligent hospital pharmacy automation integration. UIC Campus Research Board. (period Jan - Jun 1994).

Crawford SY (PI). ASHP national survey of pharmaceutical services in federal hospitals. American Society of Hospital Pharmacists. (period Jun - Sep 1993).

Crawford SY (PI), Dombrowski SR. Extemporaneous compounding activities of pharmacists. ASHP Research and Education Foundation. (period Mar 1989 - Jun 1990).

PUBLICATIONS

Research:

Lam NP, Lê PT, Crawford SY, Patel S. National survey of stress ulcer prophylaxis. Critical Care Medicine. 1999;27:98-103.

Crawford SY, Grussing PG, Clark TG, Rice JA. Pharmacy staff attitudes about the use of robots in pharmacy before implementation of a robotic dispensing system. American Journal of Health-System Pharmacy. 1998;55:1907-14.

Hanson-Divers C, Jackson SE, Lue TF, Crawford SY, Rosen RC. Health outcomes variables important to patients in the treatment of erectile dysfunction. Journal of Urology. 1998;159:1541-7.

Cohen MR, Crawford SY, Proulx SM. Survey of hospital systems and common serious medication errors. Journal of Healthcare Risk Management. 1998;18(1):16-27.

Kong SX, Crawford SY, Gandhi SK, Seeger JD, Schumock GT, Lam NP, Stubbings J, Schoen MD. Efficacy of 3-hydroxy-3-methylglutaryl coenzyme A reductase inhibitors in the treatment of patients with hypercholesterolemia: a meta-analysis of clinical trials. Clinical Therapeutics. 1997;19:778-97.

Kong SX, Gandhi SK, Crawford SY, Seeger JD. Pharmacoeconomic evaluation of HMG-CoA reductase inhibitors in the treatment of hypercholesterolemia. The American Journal of Managed Care: 1996;2:1055-1073.

Schumock GT, Raber SR, Crawford SY, Naderer OJ, Rodvold KA. National survey of once-daily-dosing of aminoglycoside antibiotics. Pharmacotherapy 1995;15:201-209.

Crawford SY, Santell JP. ASHP national survey of pharmaceutical services in federal hospitals -- 1993. American Journal of Hospital Pharmacy. 1994;51:2377-2393.

Crawford SY. Comparison between respondents and nonrespondents in the ASHP national survey. American Journal of Hospital Pharmacy. 1994;2722,2724. Letter.

Schumock GT, Crawford SY, Giusto DA, Hutchinson RA. Evaluating the performance of clinical pharmacy faculty: putting the ACCP template to use. Pharmacotherapy. 1993;13:668-672.

Crawford SY, Myers CE. ASHP national survey of hospital-based pharmaceutical services -- 1992. American Journal of Hospital Pharmacy. 1993;50:1371-1404.

Crawford SY, King CM, Jr. Professional paths chosen by past recipients of ASHP Foundation fellowships. American Journal of Hospital Pharmacy. 1992;49:2948-53.

Crawford SY, Narducci WA, Augustine SC. National survey of quality assurance activities for pharmacy-prepared sterile products in hospitals. American Journal of Hospital Pharmacy. 1991;48:2398-2413.

Crawford SY, Dombrowski SR. Extemporaneous compounding activities and the associated informational needs of pharmacists. American Journal of Hospital Pharmacy. 1991;48:1205-1210.

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Crawford SY. ASHP national survey of hospital-based pharmaceutical services -- 1990. American Journal of Hospital Pharmacy. 1990;47:2665-2695.

Crawford S, Beardsley RS, Lamy PP, Mech AB, Proksch R. Comparing fact sheets and lectures to provide investigational drug information. Journal of Nursing Staff Development. Jan/Feb 1990;6:35-39.

Shepherd M, Crawford S. An investigation of what factors are important to the elderly in selecting a pharmacy and purchasing drug products. Journal of Pharmaceutical Marketing and Management. Fall 1987;2:63-82.

Proceedings:

Crawford SY, Cohen MR, Tafesse E. Systems factors in the reporting of serious medication errors. Paper presented at Conference on Enhancing Patient Safety and Reducing Errors in Health Care. Annenberg Center for Health Sciences. Rancho Mirage, CA. 1998 Nov 9.

Crawford SY. Examining cultures of safety. Paper presented at Conference on Enhancing Patient Safety and Reducing Errors in Health Care. Annenberg Center for Health Sciences. Rancho Mirage, CA. 1998 Nov 8.

Electronic Monograph:

Crawford SY. The pharmacist's role in preventing, monitoring, and managing medication errors in hospitals. Formulary Information Exchange (FIX) electronic bulletin board. (online 1994-1997). American Council on Pharmaceutical Education (ACPE)-approved for two hours of continuing education.

Book Chapters:

Kong SX, Crawford SY. Expectations, Education, and Technology. In: Smith MC, Wertheimer AI, eds. Social and Behavioral Aspects of Pharmaceutical Care. Binghamton, NY: The Haworth Press. 1996:737-772.

Kong SX, Crawford SY. Expectations, Education, and Technology. In: Smith MC, Wertheimer AI, eds. Instructor's Manual, Social and Behavioral Aspects of Pharmaceutical Care. Binghamton, NY: The Haworth Press. 1996:87-91.

Shepherd M, Crawford S. Shopping patterns among older adults. In: Smith HA, Coons SJ, eds. Marketing pharmaceutical services: patron loyalty, satisfaction, and preferences. Binghamton, NY: The Haworth Press; 1992:111-130.

Book Reviews:

Crawford SY. In search of statistics books with relevance, not just significance. Reviews of: *Statistics for Health Professionals* (by Susan Shott) and *Understanding Biostatistics* (by Thomas H. Hassard). American Journal of Hospital Pharmacy. 1992;49:2598,2600.

Other publications:

Crawford SY. Tap water should not be used. American Journal of Hospital Pharmacy. 1993;50:1579. Letter.

Crawford SY. Changes in FDA drug classification and priority review policy. American Journal of

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Hospital Pharmacy. 1992;49:2383,2386.

Crawford SY. FDA's role in drug product recalls. American Journal of Hospital Pharmacy. 1991;48:2595-2596.

Crawford SY. The ASHP national survey's definition of community hospitals. American Journal of Hospital Pharmacy. 1991;48:1668,1670.

Crawford SY. Requirements for certifiers of biological safety cabinets. American Journal of Hospital Pharmacy. 1991;48:654,662.

Crawford SY. Nonprescription drug products for expectorant use. American Journal of Hospital Pharmacy. 1990;47:997-998.

Crawford SY. Response to the ASHP national survey of hospital pharmaceutical services. American Journal of Hospital Pharmacy. 1990;47:498.

Crawford SY. Reuse of multiple-dose ophthalmic preparations for different patients. American Journal of Hospital Pharmacy. 1989;46:1984.

Crawford SY. Availability of pharmaceutical cocaine. American Journal of Hospital Pharmacy. 1989;46:1534.

Crawford SY. Importation of unapproved drugs for personal use. American Journal of Hospital Pharmacy. 1989;46:470.

Completed manuscripts (under final preparation and review status):

Crawford SY, Lin SJ, Salmon JW. Sociodemographic influences on access to commonly prescribed opioids in metropolitan Chicago (2001).

Awé C, *Crawford SY*. Perceptions of campus experiences by pharmacy students of color based on institutional type (2001).

Crawford SY, Sarawate C. Use of statistical techniques in *AJHP* (2001).

Crawford SY, Lin SJ, Liu LM, Lurvey PL. Impact of regulation on prescribing of schedule II controlled substances (2001).

Lin SJ, *Crawford SY*, Salmon JW. Access and availability to pain management medications: area disparities (2001).

Dalal M, Lambert BL, Olopade C, *Crawford SY*. Determinants of patient satisfaction with asthma care in an outpatient clinic (2001).

Lin SJ, *Crawford SY*, Salmon JW. Internal and external influences on the adoption of the fentanyl patch: a bass model estimation. (2001).

MAJOR PRESENTATIONS

(* invited)

[Lin SJ, Crawford SY, Salmon JW. Access to pain management medications: area disparities. American Public Health Association. 129th Annual Meeting. Atlanta, GA. Upcoming Oct 2001.]

Awé C, Crawford SY. Perceptions of campus experiences by pharmacy students of color. American Association of Colleges of Pharmacy. 102th Annual Meeting. Toronto, Canada. Jul 2001.

Crawford SY, Lin SJ, Salmon JW. Sociodemographic influences on access to commonly prescribed opioids in metropolitan Chicago: examining the disparities. 2001 Annual Meeting of the Academy for Health Services Research and Health Policy. Atlanta, GA. June 2001.

Lin SJ, Salmon JW, Crawford SY. Diffusion of healthcare technology -- adoption of fentanyl patch by physicians in Illinois. 2001 Annual Meeting of the Academy for Health Services Research and Health Policy. Atlanta, GA. June 2001.

Dalal M, Smith E, Lambert B, Olopade C, Crawford S. Implementing Rasch Analysis in psychometric evaluation of patient-physician interaction scale. International Society for Pharmacoeconomics and Outcomes Research, Sixth Annual International Meeting. Arlington, VA. May 2001.

Crawford SY, Lin SJ, Salmon JW. Sociodemographic influences on access to commonly prescribed opioids in metropolitan Chicago. Eighth Annual Great Cities Winter Forum and Biannual Conference on Chicago Research and Policy. University of Illinois at Chicago and Urban Universities Collaborative. Chicago, IL. Nov 2000.

Dalal M, Lambert B, Olopade C, Crawford S. Determinants of patient satisfaction in an adult asthma outpatient clinic. 66th Annual International Scientific Assembly of the American College of Chest Physicians. San Francisco, CA. Oct 2000.

*Crawford SY. Prescription Drug Monitoring Programs -- Impact and Trends. National Institute on Drug Abuse, Center on AIDS and Other Medical Consequences of Drug Abuse. Bethesda, MD. Oct 2, 2000.

*Crawford SY, Lin SJ. Official Prescription Program -- Impact and Trends. Controlled Substances Advisory Commission, State of Michigan. Lansing, MI. Jul 26, 2000.

*Crawford SY, Lin SJ. Prescription Monitoring: Physician attitudes and patterns -- Project Overview. Michigan Official Prescription Program. Grand Rapids, MI. Dec 15, 1999.

Awe C, Crawford SY, Sargaves R. Perceived attributes of quality teaching and learning among faculty in colleges of pharmacy, medicine, and nursing. American Association of Colleges of Pharmacy. 100th Annual Meeting. Boston, MA. Jul 1999.

*Crawford SY. Medication error reporting: truths and myths. American Society of Health-System Pharmacists. 33rd Midyear Clinical Meeting. Las Vegas, NV. Dec 1998.

Crawford SY. Systems factors in the reporting of serious medication errors. American Association for the Advancement of Science, Annenberg Center for Health Sciences, Joint Commission on Accreditation of

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Healthcare Organizations, National Patient Safety Foundation, U.S. Department of Veterans Affairs. Conference on Enhancing Patient Safety and Reducing Errors in Health Care. Rancho Mirage, CA. Nov 1998.

**Crawford SY, Gandhi SK.* Relative cost and efficacy comparisons of HMG-CoA reductase inhibitors in the treatment of hypercholesterolemia. American Academy of Family Physicians. 1997 Scientific Assembly. Chicago, IL. Sep 1997.

**Crawford SY, Cohen MR.* Benchmarking project to reduce medication errors. American Society of Health-System Pharmacists. 54th Annual Meeting. Minneapolis, MN. Jun 1997.

Crawford SY, Kong SX, Gandhi SK, Seeger JD, Schumock GT, Lam NP, Stubbings J, Schoen MD. Meta-analysis of four HMG-CoA reductase inhibitors in the treatment of hypercholesterolemia. 13th International Meeting of the International Society of Technology Assessment in Health Care. Barcelona, Spain. May 1997.

**Crawford SY.* Preventing medication errors — an indispensable systems approach. 1997 Combined Forces Pharmacy Seminar, National Formulary Pharmacy Convention. Dallas, TX. Apr 1997.

Dedhiya SD, Kong SX, Salmon JW, Crawford SY. A meta-analysis of clinical trials of interferon-beta for multiple sclerosis. Association for Pharmacoeconomics and Outcomes Research, Second Annual International Meeting. Philadelphia, PA. Apr 1997.

Lam NP, Lê PT, Crawford S, Patel S. National survey of stress ulcer prophylaxis. American College of Clinical Pharmacy, 1997 Spring Practice and Research Forum. Panama City, FL. Apr 1997.

Gandhi SK, Kong, SX, Crawford SY, Seeger JD, Schumock GT, Lam NP, Stubbings J, Schoen MD. Cost-effectiveness comparisons of HMG-CoA reductase inhibitors in the treatment of hyperlipidemia. American Association of Pharmaceutical Scientists, 1996 Annual Meeting. Seattle, WA. Oct 1996.

Crawford SY, Cohen MR. Examination of systems factors associated with medication errors in hospitals. American Association for the Advancement of Science, American Medical Association, Joint Commission on Accreditation of Healthcare Organizations, and Annenberg Center for Health Sciences. Conference on Examining Errors in Health Care. Rancho Mirage, CA. Oct 1996.

Brown DH, Smith D, Forson G, Crawford SY. Pharmacist activities in health promotion and disease prevention. Student National Pharmaceutical Association, 1996 National Convention. Chicago IL. Aug 1996.

Crawford SY, Grussing PG, Clark TG. Temporal differences in student attitudes on use of robots in pharmacy dispensing. American Association of Colleges of Pharmacy Meeting, 97th Annual Meeting. Reno, NV. Jul 1996.

Cohen MR, Crawford SY, Hui JW, Pippis EJ. The benchmarking project to reduce medication errors in hospitals — phase I. American Society of Health-System Pharmacists, 53rd Annual Meeting. San Diego, CA. Jun 1996.

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- Kong SX, Gandhi SK, *Crawford SY*. Methodological issues in pharmacoeconomic evaluations of HMG-CoA reductase inhibitors used in the treatment of hyperlipidemia. The Association for Pharmacoeconomics and Outcomes Research, First Annual International Meeting, Philadelphia, PA. May 1996.
- Brown DH, Smith D, Forson G, *Crawford SY*. Survey of pharmacist activities in health promotion and disease prevention. University of Illinois at Chicago, 18th Annual Allied Health Research Forum. Mar 1996.
- *Cohen MR, *Crawford SY*. Medication errors: update on the benchmarking project for hospitals. American Society of Health-System Pharmacists, 30th Annual Midyear Clinical Meeting. Exhibitor's Theater VII. Las Vegas, NV. Dec 1995.
- **Crawford SY*. The human side of automation. Illinois Council of Health-System Pharmacists, 10th Midyear Meeting and Exhibition. Springfield, IL. Oct 1995.
- **Crawford SY*. Utilization of robotics in pharmacy: implications for education, practice, and research. Student National Pharmaceutical Association, 1995 Region 3 Meeting. Chicago, IL. Mar 1995.
- **Crawford SY*. Robotics technology in pharmacy: implications for research, education, and practice. All-College Seminar (College of Pharmacy). Chicago, IL. Nov 1994.
- Grussing PG, *Crawford SY*, Rice JA, Clark TG. Attitudes of pharmacy and engineering students toward robotics in pharmacy. American Association of Colleges of Pharmacy, 95th Annual Meeting. Albuquerque, NM. Jul 1994.
- Crawford SY*, Grussing PG, Clark TG, Rice JA. Staff attitudes about pharmacy robot prior to installation. American Society of Hospital Pharmacists, 51st Annual Meeting. Reno, NV. Jun 1994.
- **Crawford SY*. ASHP guidelines on preventing medication errors in hospitals. American Society of Hospital Pharmacists, 50th Annual Meeting. Denver, CO. Jun 1993.
- **Crawford SY*. Quality improvement for pharmacy-prepared sterile products. Metropolitan Chicago Healthcare Council, 19th Annual Vendors' Fair and Educational Expo. Rosemont, IL. Sep 1992.
- **Crawford SY*. ASHP draft guidelines — sterile products. Conference '92, Minnesota Society of Hospital Pharmacists Annual Meeting. Duluth, MN. May 1992.
- **Crawford SY*. ASHP opportunities: round table discussions. Conference '92, Minnesota Society of Hospital Pharmacists Annual Meeting. Duluth, MN. May 1992.
- **Crawford SY*. Proposed guidelines on sterile product preparation. Maryland Society of Hospital Pharmacists and Pennsylvania Society of Hospital Pharmacists, 13th Midyear Conference. Valley Forge, PA. Mar 1992.
- **Crawford SY*. Changes in iv preparation. Canadian Society of Hospital Pharmacists, 23rd Annual Professional Practice Conference. Toronto, Canada. Feb 1992.

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**Crawford SY*. National survey on quality assurance for pharmacy-prepared sterile products. ASHP Invitational Conference on Quality Assurance for Pharmacy-Prepared Sterile Products. Washington, D.C. Jun 1991.

**Crawford SY*. Sterile drug product quality assurance in pharmacy departments (Panel Discussion Presentation). American Society of Hospital Pharmacists, 48th Annual Meeting, San Diego, CA. Jun 1991.

**Crawford SY*. Summary results of the 1990 ASHP national survey of hospital-based pharmaceutical services (Press Conference Presentation). American Society of Hospital Pharmacists, 25th Midyear Clinical Meeting. Las Vegas, NV. Dec 1990.

**Crawford SY*. Bioequivalence, Therapeutic Equivalence and Drug Product Selection. California Pharmacists Association, 11th Annual Western Pharmacy Education Faire. Anaheim, CA. Sep 1990.

Crawford S, Shepherd M, Velez R, Mosier R. An examination of factors associated with mail-out pharmacy use. The American Pharmaceutical Association, 1988 Annual Meeting. Atlanta, GA. Mar 1988.

Shepherd M, *Crawford S*. An investigation of what factors are important to the elderly in selecting a pharmacy and purchasing drug products. The American Pharmaceutical Association, 1985 Annual Meeting. San Antonio, TX. Feb 1985.

Crawford S, Beardsley R, Lamy P, Proksch R. Methods to increase pharmacy involvement in investigational drug studies. The American Society of Hospital Pharmacists, 18th Midyear Clinical Meeting. Atlanta, GA. Dec 1983.

Other presentations:

**Crawford SY*. Non-traditional pharmacist careers: panel discussion. Midwestern University College of Pharmacy. Downers Grove, IL. Jan 1996.

**Crawford SY*. Pharmaceutical research in the social and administrative sciences. 12th Annual Symposium on Pharmaceutical Sciences Graduate Programs (Merrillville Conference) — Presented by 11 Midwest Colleges of Pharmacy. Merrillville, IN. Oct 1994.

**Crawford SY*. Other Career Opportunities. 11th Annual Symposium on Pharmaceutical sciences graduate programs (Merrillville Conference) — Presented by 11 Midwest Colleges of Pharmacy. Merrillville, IN. Oct 1993.

**Crawford SY*. Career opportunities in association management. Student National Pharmaceutical Association 1989 National Convention, Cleveland, OH. Jul 1989.

Government testimonies:

Crawford SY. FDA Dermatologic Drugs Advisory Committee. Testimony against restricted drug distribution system for Accutane. Rockville, MD. May 20, 1991.

Crawford SY. FDA Cardiovascular and Renal Drugs Advisory Committee. Testimony against proposed nomenclature of Cardizem QD. Rockville, MD. Mar 12, 1991.

TEACHING

Teaching Honors

- Outstanding Teacher of the Year (2001), class of 2004.
- UIC Teaching Recognition Program Award (1999), peer-reviewed campus teaching award.
- Member (provost-appointed), UIC Council for Excellence in Teaching and Learning (1999-2002)

University Teaching Awards Reviewer

Reviewer, UIC Teaching Recognition Program Award (2000)

Reviewer, UIC Curriculum and Instruction Grants Award (2000)

Courses

F(fall), S(spring), and Sm(summer) semesters; ^aCore course for professional (Pharm.D.) students (class sizes 145-170), ^bCore for graduate students, ^cElective for professional or graduate students.

- *Drug Information and Statistics*^a (S99,S00,S01)
Instructor for statistics portions of course
- *Roles, Environments, and Communications*^a (F97, F98,F99,F00,F01)
Course coordinator/primary instructor — innovative 4-credit hour course in new curriculum with didactic lecture/discussions plus thrice-weekly laboratory/recitation sessions (experiential site visits, small group discussions and presentations, and during Fall 97 – portfolio groups [39 groups involving 52 faculty advisors, including course coordinator]).
- *Experiential IV* (F99, S00)
Facilitator for recitations on professional communications and cultural diversity
- *Statistics for Pharmacy Practice*^a (F92, F93, F94, F95, F96)
Sole instructor for 3-credit hour lecture/discussion sessions, plus thrice- or quadri- weekly laboratories (labs offered 1992-1994).
- *Pharmacy Administration Graduate Seminar*^b (S93,S95,S98,F99,S01) 1-credit hour course
- *Research Methods*^b (S97,S99,S01)
Course coordinator/principal instructor for 3-credit hour graduate course
- *Introduction to Scientific Writing*^c (S93), 3-credit hour course
- *Independent Research*^c (Sm93, Sm 96, F96, S97,S00), varying credit hours
- *Independent Study*^c (F93-F01), varying credit hours
- *Masters thesis research*^b (S97-F01), varying credit hours
- *Dissertation research*^b (S98-F01), varying credit hours

EDITORIAL APPOINTMENTS

Editorial Boards/Panels:

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|-------------|---|
| 1992 - 2000 | Advisory Board member, <u>Hospital Pharmacy</u> |
| 1998 - 1999 | Editorial Board member, <u>American Journal of Health-System Pharmacy</u> |
| 1994-1996 | Editorial Panel member, American Pharmaceutical Association Value-Added Services Series, 3rd volume [8 ACPE-approved continuing education articles in <u>American Pharmacy</u> and freestanding monographs] |
| 1990-1992 | Contributing Editor, <u>ASHP Newsletter</u> |

- monthly columns on drug product updates and product recalls

Journal Reviewer (recent years):

American Journal of Pharmaceutical Education

Journal of Pharmaceutical Marketing and Management

American Journal of Health-System Pharmacy

Ergonomics

American Journal of Managed Care

"Evaluating the Study Design, Results, and Conclusions of Evaluative Studies," Module 2, ASHP Clinical Skills Program

PROFESSIONAL SERVICE

(* elected)

National

- *2000 - *Vice-Chair, USP Nomenclature and Labeling Expert Committee (term through 2005)
- 1995 - 2000 *Member, United States Pharmacopeia (USP) Committee of Revision
- 1995 - 2000 Member, USP Nomenclature Committee
 - Member, ad hoc Subcommittee on Nomenclature of Botanicals (1998)
 - Member, ad hoc Subcommittee on Nomenclature of Concentrated Oral Solutions (1997)
 - Member, ad hoc Subcommittee on Nomenclature of Multicomponent Nonprescription Drug Products (1997)
- 1996 Facilitator, National Association of Boards of Pharmacy / American Association of Colleges of Pharmacy (AACP), District IV Meeting, Chicago, IL
- 1993-1996 Member, ASHP Foundation Awards Program Selection Panel
- 1994-1995 *Member, Nominating Committee, AACP Section on Social and Administrative Sciences
- 1991-1994 Member, ASHP Foundation ad hoc Strategic Planning Team
- 1990-1993 Delegate for ASHP to USP Convention
- 1988-1992 Member, ASHP Foundation Grant Proposal Review Committee
- 1990-1991 Member, ASHP Foundation Research Objectives Committee
- 1990-1992 Member, ASHP Foundation ad hoc Walter Reed Army Medical Center Project Advisory Committee
- 1990-1992 Secretary, ASHP Advisory Committee to the USP
- 1989-1992 Secretary, ASHP Federal Services Advisory Group
- 1991 Member, ASHP Foundation ad hoc Committee to Review Foundation Awards and Grants
- 1989-1990 Member, ASHP Foundation ad hoc Committee on Preparing Pharmacists for Future Technology
- 1989-1990 Interim Secretary, ASHP Council on Administrative Affairs
- 1990 Member, ad hoc Health Professional Working Group, National Eye Health Education Program.

UIC College of Pharmacy

- 1998-*Secretary and Member, ad hoc Committee for the Review of the College Bylaws
- 1997- Member, Departmental Review and Surveillance Committee, Institutional Review Board
- 1995 - *Member, Educational Policy Committee (EPC,

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curriculum committee)
Member, EPC Assessment Subcommittee (1998-)
1992 - Member, Urban Health Program Faculty Steering
Committee
1992 - Member, Department Graduate Studies Committee
1997 -2001 *Member, Executive Committee
(1999-2000 *Secretary pro tem*, Year-2000 Quinquenniel
Review of Dean)
2001-present *Member, Student Faculty Relations Committee (also
1993-1997)
2000-present *Member, Committee on Committees (also 1996-1997)
2001-present *Member, Student Faculty Relations Committee (also
1993-1997)
1999-2001 Member, Hans Walter Vahlteich Research Award Committee
1999-2000 Member, ad hoc Space Utilization Committee
1997-1997 Member, College Task Force on Enrollment Management
1994-1997 *Chair and *Member (1993-1997), Student Admissions
Committee (Pharm.D. programs)
1996-1997 *Group Leader*, ad hoc Faculty Retreat Working Groups on
College Curricular Revision
1996-1997 Member, ad hoc College Strategic Planning Council
1994, 1996 Faculty Judge, College Patient Counseling
Competition
1994-1995 Faculty Advisor, Lambda Kappa Sigma [advised Gamma
chapter during first year of reestablishment, Most
Improved Chapter award 1995]
1994-1995 Member, ad hoc College ACPE Subcommittee on
Organization and Administration
1993 Preceptor, Urban Health Pharmacy Summer Research
Apprentice Program
1992-1993 Member, ad hoc Dean's Office Organization Committee

UIC Search Committees

2001- Member, Search Committee for UIC Provost and Vice-
Chancellor for Academic Affairs

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- 1998-2001 *Chair, Search Committee for Head, Department of Pharmacy Administration*
- 1995-1996 *Member, Search Committee for Dean, Honors College*
- 1993-1995 *Member, Search Committees for Dean, College of Pharmacy*
- 1993-1994 *Member, Search Committee for Assistant Director for Operations, Department of Pharmacy Services, University of Illinois Medical Center*
- 1993 *Member, Search Committee for Assistant Dean for Academic Affairs, College of Pharmacy*
- 1993 *Member, Search Committee for Assistant Director for Administration, Department of Pharmacy Services, University of Illinois Medical Center*

Other Professional Service

- 2000 *Moderator, Session on "Illinois Health Care: Expenditures and Metropolitan Trends." Eighth Annual Great Cities Winter Forum and Biannual Conference on Chicago Research and Policy. University of Illinois at Chicago and Urban Universities Collaborative. Chicago, IL. Nov 30, 2000.*
- 2000 *Moderator, Session on "Building Collaborative Practice: Three Case Studies." NABP/AACP District IV Meeting. Chicago, IL. Nov 11, 2000.*
- 1998 *Moderator, Session on "Examining Cultures of Safety." American Association for the Advancement of Science, Annenberg Center for Health Sciences, Joint Commission on Accreditation of Healthcare Organizations, National Patient Safety Foundation, U.S. Department of Veterans Affairs. Conference on Enhancing Patient Safety and Reducing Errors in Health Care. Rancho Mirage, CA. Nov 9, 1998.*
- 1993 *Principal Drafter, ASHP Guidelines on Preventing Medication Errors in Hospitals (Acknowledgments: AJHP 1993;50:305-14; Practice Standards of ASHP 1993-94).*

Graduate Programs

- 2000-present *Director of Graduate Studies, UIC Department of Pharmacy Administration*



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HONORS/RECOGNITIONS

(Reference TEACHING category for other honors)

- Most Outstanding Abstract Award (theme: access/disparities): Annual Meeting of the Academy for Health Services Research and Health Policy, Atlanta, GA. (June 2001)
- Fellow, UIC Honors College (term 1998-2001)
- Certificate of Appreciation, American Association for the Advancement of Science (1997)
- Faculty Appreciation Award, UIC Urban Health Summer Enrichment Programs (1994)
- Phi Kappa Phi Honor Society
- Rho Chi Honor Society
- Phi Lambda Sigma

COMMUNITY SERVICE

- 1996-1998
 - *Lead Scientist*, American Association for the Advancement of Science (AAAS), Project Heroes/Think Big, Health Science Connection Project.
 - Workshops organized to interest students from underserved communities in math and/or sciences career opportunities. Dr. Jobe Payne, Project Director. Chicago, IL.
- 1997
 - Student Alliance for Health Care --
 - Volunteer faculty participant in health fairs.
- 1996-1997
 - Tri-Village P.A.D.S. (Oak Park, IL). Volunteer for homeless shelter program.
- 1991-1992
 - The Community Clinic, Inc. (CCI).
 - CCI is a nonprofit agency that is the major provider of sick care services to lower income and homeless patients in Montgomery County, Maryland. At time of participation, CCI operated three health clinics and one pediatric clinic in a shelter and provided skilled nursing care to 11 shelters and two soup kitchens.
 - Member, Board of Directors
 - Member, Program and Projects Committee

PROFESSIONAL LICENSURE

- 1981 - State of North Carolina (pharmacist license —)

PROFESSIONAL DEVELOPMENT

Participant, UIC Administrative Shadowing Program (Susan Scrimshaw, Ph.D., Dean, UIC School of Public Health, mentor). January-Aug, 2001.

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AACP Institute on Pedagogical and Curricular Change. May 29-Jun 2, 1998, Leesburg, VA.

Pharmaceutical Research and Manufacturers of America, Inc. Visiting Pharmacy Faculty Program. Jul 25-Aug 5, 1994 — Searle, Skokie, IL.

The Wintergreen Research Conference II, sponsored by University of Maryland Center on Drugs and Public Policy. Apr 15-18, 1993, Wintergreen, VA.

SYC (08/01).

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